



#71a
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph F. Fitzpatrick et al. : Art Unit: 3301
Serial No.: 08/703,794 : Examiner: P. Wingood
Filed: August 27, 1996 :
FOR: BODY FUNCTION MEASURING :
APPARATUS :

[Signature] 5-19-97

fee OK

AMENDMENT

RECEIVED

MAY 1 1997

GROUP 3500

Assistant Commissioner for Patents
Washington, D.C. 20231

S I R :

Responsive to the Official Action dated February 20, 1997, please
amend the above-identified application as follows:

IN THE CLAIMS:

- 1 *51.* (Amended) Body function measuring apparatus comprising:
2 a housing;
3 *✓* first and second identical sensors spaced apart in said housing but in
4 proximity to each other and adapted for contact with generally the same area of skin
5 for developing first and second body function signals, respectively; and
6 means responsive to said first body function signal and said second
7 body function signal for:
8 (a) developing an indication of the body function at the skin with
9 which said first sensor and said second sensor are in contact, and
10 (b) detecting a difference between the rate of change of said first
11 body function signal and the rate of change of said second body
12 function signal which exceeds a predetermined threshold representing
13 a difference in the proximity of said first sensor to the skin and the
14 proximity of said second sensor to the skin.

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